

## Patent Claims

1. A method for checking data transmission between at least one read/write device (SLG) and at least one mobile data memory (MDS), in particular in an identification system having at least one mobile data memory (MDS) which is fitted to objects and is intended to detect object-related state and/or process data, for example in a system for dispatching, transporting and/or manufacturing the individual objects, in which the read/write device (SLG) and/or the mobile data memory (MDS) has/have at least one register area for entering data information relating to the quality of data transmission between the read/write device (SLG) and the mobile data memory (MDS), and in which this register area is read by at least one external computer user station (4) for the purpose of checking the quality of data transmission between the read/write device (SLG) and the mobile data memory (MDS).
2. The method as claimed in claim 1, in which the external computer user station (4) is connected to the read/write device (SLG) for the purpose of transmitting data.
3. The method as claimed in claim 2, in which the external computer user station (4) is connected to the read/write device (SLG) via a connection module (2).
4. The method as claimed in claim 2 or 3, in which the external computer user station (4) is connected to the read/write device (SLG) via a controller (3).
5. A read/write device (SLG) for using a method for checking the quality of data transmission between at least one read/write device (SLG) and at least one mobile data memory (MDS), in particular for using a

WO 2004/038591

PCT/DE2003/003344

- 9a -

method as claimed in one of claims 1 - 4, having

- 10 -

at least one register area for entering data information relating to the quality of data transmission.

5 6. The read/write device (SLG) as claimed in claim 5, in which the register area is associated with at least one corresponding register area in at least one mobile data memory (MDS) for the purpose of interchanging data.

10

7. A mobile data memory (MDS) for using a method for checking the quality of data transmission between at least one read/write device (SLG) and at least one mobile data memory (MDS), in particular for using a 15 method as claimed in one of claims 1 - 4, having at least one register area for entering data information relating to the quality of data transmission.

20 8. The mobile data memory (MDS) as claimed in claim 7, in which the register area is associated with at least one corresponding register area in at least one read/write device (SLG) for the purpose of interchanging data.